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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/894,883	06/29/2001	Tetsuya Yamamoto	892.40310X00	3464

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ANTONELLI, TERRY, STOUT & KRAUS, LLP
1300 NORTH SEVENTEENTH STREET
SUITE 1800
ARLINGTON, VA 22209-9889

EXAMINER

GESESSE, TILAHUN

ART UNIT	PAPER NUMBER
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2684

DATE MAILED: 02/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/894,883	Applicant(s) YAMAMOTO, TETSUYA	
	Examiner Tilahun B Gesessse	Art Unit 2684	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 September 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This is in response to applicant's amendment and remarks filed 9/24/04, in which claims 1-8 are pending.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Urano (US 5,923,544) in view of Abura et al "Abura" (US 4,743,735).

Claim 1, Urano discloses a charging system (2B) including a charging device (21 a portable telephone) which includes an induction core (that passes through coils (26-28) which penetrates through a primary side coil (26), and a portable equipment (21) an inserting section and containing a secondary side coil (27) (figure 1A and 2B and column 3, lines 1-23, column 4, lines 35-54, column 5, line 25-column 6, line 7).

Urano differs in teaching opening, which allows the induction core to pass there through. However, Abura teaches a charger for portable equipment and single core penetrating a hole or suspending the portable equipment as a hook shape (column 4, lines 22-39 and column 6, lines 6-17). Therefore, it would have been obvious to one ordinary skill in the art at the time the invention was made to be motivated to utilize a charger using coils as inductors in order to induce power and using a core that passes a

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hole as conducting means for the portable equipment , as evidenced by Abura, for easy usable charge and continent for use.

Claim 2, is system claim corresponds to system claim 1 above. Therefore, it is analyzed and rejected for the same reason as set forth in the claim. Further more, Urano teaches the primary coil is connected to power source (figure-11).

Claim 3, Urano in view of Abura discloses as explained above and further more, Urano discloses a portable equipment (21) including an insertion portion (portable telephone inserted to charger device 25) which an induction core (26 and 27) of a charging device a primary side coil thereof (26) and in which a secondary side coil (27) for performing charging is contained (see figure 1A & 2B, column 3, lines 1-23, column 4, lines 35-54, column 5, line 25-column 6 line 7).

FIG. 2A

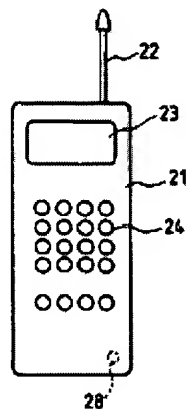
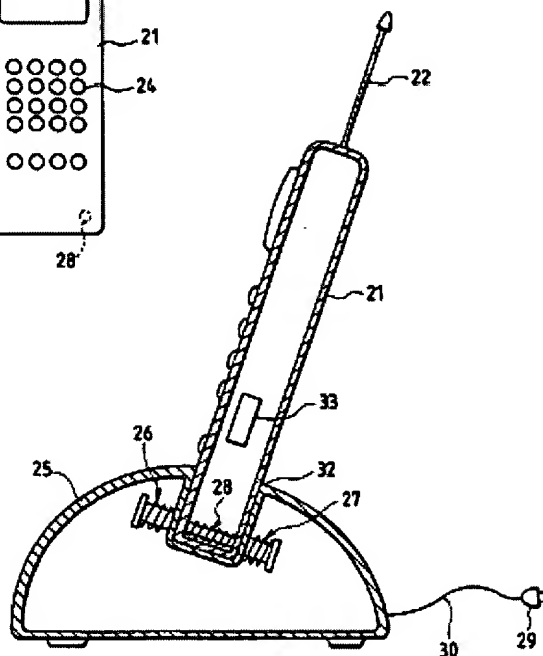


FIG. 2B



Claim 4, Urano and Abura teach as explained in claim1, and further Urano teaches a charging system (25) including a charging device (21) which includes an induction core and a primary side coil,(26) and a portable equipment (21) a secondary side coil (27)and which allows the portable a charging system comprising a charging device equipment the induction core (column 5, line 25-column 6, line 7 and figure 2B).

Claims 5-6, which are recites a system and apparatus claims corresponding to claim 1-4 above. Therefore, it is analyzed and rejected for the same reason as set forth in the claims.

Claims 7-8, Urano teaches installing the charging device, passing the induction core through said insertion portion (see figure 2B) and holding the insertion portion and said induction core together for a predetermined time period (figure 2B) fixing said charging device onto a plane perpendicular to the ground' passing said induction core through said charging arch', and holding said portable equipment (21) suspend ably attached to said induction core for a predetermined time period (it is consider until the portable telephone is fully charged and figure 2B and it's disclosure).

Response to Arguments

4. Applicant's arguments filed 9/24/2004 have been fully considered but they are not persuasive.

On page 7 , second paragraph of response, applicant argued that that Urano does not teach induction core which penetrates through a primary coil. Contradicting to what has been argued , applicant admits Urano teaches solid ferrite cores 37.

The examiner disagrees. Applicant claims recited core passing through a core are not specific to distinguish ferrite core or any other core has been used.

On the same page , third paragraph of response, applicant argued that Urano does not teach an insertion portion including an opening containing a secondary side core, which allows the induction core to pass through .

The examiner disagrees. Urano teaches a recessed portion 32 is provided in a portion of the housing of the charger 25 so as to allow a lower portion of the portable telephone body 21 to be inserted in this recessed portion 32 (column 5, lines 44-52 and figure 2B).

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Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tilahun B Gesesse whose telephone number is 703-308-5873. The examiner can normally be reached on flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on 703-308-7745. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Tilahun Gesesse
Primary Examiner
US Patent and Trademark Office
Tel. 703-308-5873
January 25, 2005.



**TILAHUN GESESSE
PRIMARY EXAMINER**